



Manage authentication keys (end-users)

ONTAP 9.9.1 REST API reference

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Manage authentication keys (end-users)

Security authentication publickeys owner.uuid account.name index endpoint overview

Overview

This API configures the public keys for end-user (non-cluster admin) accounts. Specify the owner UUID, the user account name, and the index in the URI path. The owner UUID corresponds to the UUID of the SVM containing the user account associated with the public key and can be obtained from the response body of the GET request performed on the API "/api/svm/svms".

The index value corresponds to the public key that needs to be modified or deleted (it is possible to create more than one public key for the same user account).

Examples

Retrieving the specific configured public key for user accounts

```
# The API:  
GET  
"/api/security/authentication/publickeys/{owner.uuid}/{account.name}/{index}"  
  
# The call:  
curl -k https://<mgmt-ip>/api/security/authentication/publickeys/513a78c7-  
8c13-11e9-8f78-005056bbf6ac/pubuser4/0
```

Updating the public key and comment for user accounts

```
# The API:
PATCH
"/api/security/authentication/publickeys/{owner.uuid}/{account.name}/{index}"

# The call:
curl -k https://<mgmt-ip>/api/security/authentication/publickeys/d49de271-8c11-11e9-8f78-005056bbf6ac/pubuser1/0 --request PATCH --data '{
"comment": "Cserver-modification", "public_key": "ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQCMsLP/FeiT1J4Fb4GNVO4ioa1NIUHWeG08+anDbFke3J
cFT5JqBn0QZiG0uF0bqepken/moVKZg8iQng1arjP4ULhhje/LwDuUbaB7kvtPL2gyzAX1qFYn
BJ5R1LXja25Z4xeeaXUBJjhUmvpfque0TxbvpaG5V9rFTzVg9ccjBnkBchg3EkHF4VtHmrZNpT
DAUOBAz69FRYXYz2ExoCHWqElHBjE9D0DLN0XtzQA0IF9hJck6xja5RcAQ6f9pLMCol9vJiqp
cBAjkUmglqH5ZNHsgDQ7dtGNGJw45zqXHPAy9z8yKJuIsdK2/4iVYLDL8mlHFElgeADn6OSxui
j1" }'
```

Deleting the public key for user accounts

```
# The API:
DELETE
"/api/security/authentication/publickeys/{owner.uuid}/{account.name}/{index}"

# The call:
curl -k https://<mgmt-ip>/api/security/authentication/publickeys/d49de271-8c11-11e9-8f78-005056bbf6ac/pubuser1/0 --request DELETE
```

Delete a public key for a user account

DELETE /security/authentication/publickeys/{owner.uuid}/{account.name}/{index}

Introduced In: 9.7

Deletes the public key for a user account.

Related ONTAP commands

- `security login publickey delete`

Learn more

- [DOC /security/authentication/publickeys/{owner.uuid}/{account.name}/{index}](#)
- [DOC /security/accounts](#)

Parameters

| Name | Type | In | Required | Description |
|--------------|---------|------|----------|--|
| owner.uuid | string | path | True | Account owner UUID |
| account.name | string | path | True | User account name |
| index | integer | path | True | Index number for the public key (where there are multiple keys for the same account). <ul style="list-style-type: none">• Max value: 99• Min value: 0 |

Response

Status: 200, Ok

Error

Status: Default, Error

| Name | Type | Description |
|-------|-------|-------------|
| error | error | |

Example error

```
{
  "error": {
    "arguments": {
      "code": "string",
      "message": "string"
    },
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

Definitions

See Definitions

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

error

| Name | Type | Description |
|-----------|--|---|
| arguments | array[error_arguments] | Message arguments |
| code | string | Error code |
| message | string | Error message |
| target | string | The target parameter that caused the error. |

Retrieve public keys configured for a user account

GET /security/authentication/publickeys/{owner.uuid}/{account.name}/{index}

Introduced In: 9.7

Retrieves the public keys configured for a user account.

Related ONTAP commands

- `security login publickey show`

Learn more

- [DOC /security/authentication/publickeys/{owner.uuid}/{account.name}/{index}](#)
- [DOC /security/accounts](#)

Parameters

| Name | Type | In | Required | Description |
|----------------|---------------|-------|----------|---|
| owner.uuid | string | path | True | Account owner UUID |
| account.name | string | path | True | User account name |
| index | integer | path | True | Index number for the public key (where there are multiple keys for the same account). <ul style="list-style-type: none"> • Max value: 99 • Min value: 0 |
| fields | array[string] | query | False | Specify the fields to return. |
| max_records | integer | query | False | Limit the number of records returned. |
| return_records | boolean | query | False | The default is true for GET calls. When set to false, only the number of records is returned. <ul style="list-style-type: none"> • Default value: 1 |
| return_timeout | integer | query | False | The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached. <ul style="list-style-type: none"> • Max value: 120 • Min value: 0 • Default value: 1 |

| Name | Type | In | Required | Description |
|----------|---------------|-------|----------|---|
| order_by | array[string] | query | False | Order results by specified fields and optional [asc |

Response

Status: 200, Ok

| Name | Type | Description |
|------------------------|-----------------------------------|---|
| _links | _links | |
| account | account_reference | |
| comment | string | Optional comment for the public key. |
| index | integer | Index number for the public key (where there are multiple keys for the same account). |
| obfuscated_fingerprint | string | The obfuscated fingerprint for the public key (READONLY). |
| owner | owner | Owner name and UUID that uniquely identifies the public key. |
| public_key | string | The public key |
| scope | string | Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects. |
| sha_fingerprint | string | The SHA fingerprint for the public key (READONLY). |

Example response

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "account": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "joe.smith"
  },
  "comment": "string",
  "obfuscated_fingerprint": "string",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "scope": "cluster",
  "sha_fingerprint": "string"
}
```

Error

Status: Default, Error

| Name | Type | Description |
|-------|-------|-------------|
| error | error | |

Example error

```
{
  "error": {
    "arguments": {
      "code": "string",
      "message": "string"
    },
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

Definitions

See Definitions

href

| Name | Type | Description |
|------|--------|-------------|
| href | string | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| self | href | |

account_reference

| Name | Type | Description |
|--------|------------------------|--------------|
| _links | _links | |
| name | string | User account |

owner

Owner name and UUID that uniquely identifies the public key.

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

error

| Name | Type | Description |
|-----------|--|-------------------|
| arguments | array[error_arguments] | Message arguments |
| code | string | Error code |

| Name | Type | Description |
|---------|--------|---|
| message | string | Error message |
| target | string | The target parameter that caused the error. |

Update a public key for a user account

PATCH `/security/authentication/publickeys/{owner.uuid}/{account.name}/{index}`

Introduced In: 9.7

Updates the public key for a user account.

Related ONTAP commands

- `security login publickey modify`

Learn more

- [DOC /security/authentication/publickeys/{owner.uuid}/{account.name}/{index}](#)
- [DOC /security/accounts](#)

Parameters

| Name | Type | In | Required | Description |
|--------------|---------|------|----------|---|
| owner.uuid | string | path | True | Account owner UUID |
| account.name | string | path | True | User account name |
| index | integer | path | True | Index number for the public key (where there are multiple keys for the same account). <ul style="list-style-type: none"> • Max value: 99 • Min value: 0 |

Request Body

| Name | Type | Description |
|---------------------|------------------------|-------------|
| <code>_links</code> | _links | |

| Name | Type | Description |
|------------------------|-----------------------------------|---|
| account | account_reference | |
| comment | string | Optional comment for the public key. |
| index | integer | Index number for the public key (where there are multiple keys for the same account). |
| obfuscated_fingerprint | string | The obfuscated fingerprint for the public key (READONLY). |
| owner | owner | Owner name and UUID that uniquely identifies the public key. |
| public_key | string | The public key |
| scope | string | Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects. |
| sha_fingerprint | string | The SHA fingerprint for the public key (READONLY). |

Example request

```
{
  "_links": {
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "account": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "joe.smith"
  },
  "comment": "string",
  "obfuscated_fingerprint": "string",
  "owner": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "scope": "cluster",
  "sha_fingerprint": "string"
}
```

Response

Status: 200, Ok

Error

Status: Default, Error

| Name | Type | Description |
|-------|-------|-------------|
| error | error | |

Example error

```
{
  "error": {
    "arguments": {
      "code": "string",
      "message": "string"
    },
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

Definitions

See Definitions

href

| Name | Type | Description |
|------|--------|-------------|
| href | string | |

_links

| Name | Type | Description |
|------|----------------------|-------------|
| self | href | |

account_reference

| Name | Type | Description |
|--------|------------------------|--------------|
| _links | _links | |
| name | string | User account |

owner

Owner name and UUID that uniquely identifies the public key.

| Name | Type | Description |
|--------|------------------------|-----------------------------------|
| _links | _links | |
| name | string | The name of the SVM. |
| uuid | string | The unique identifier of the SVM. |

publickey

The public key for the user account (to access SSH).

| Name | Type | Description |
|---------|-----------------------------------|---|
| _links | _links | |
| account | account_reference | |
| comment | string | Optional comment for the public key. |
| index | integer | Index number for the public key (where there are multiple keys for the same account). |

| Name | Type | Description |
|------------------------|-----------------------|---|
| obfuscated_fingerprint | string | The obfuscated fingerprint for the public key (READONLY). |
| owner | owner | Owner name and UUID that uniquely identifies the public key. |
| public_key | string | The public key |
| scope | string | Scope of the entity. Set to "cluster" for cluster owned objects and to "svm" for SVM owned objects. |
| sha_fingerprint | string | The SHA fingerprint for the public key (READONLY). |

error_arguments

| Name | Type | Description |
|---------|--------|------------------|
| code | string | Argument code |
| message | string | Message argument |

error

| Name | Type | Description |
|-----------|--|---|
| arguments | array[error_arguments] | Message arguments |
| code | string | Error code |
| message | string | Error message |
| target | string | The target parameter that caused the error. |

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